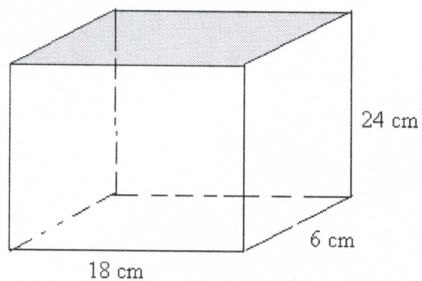


Round all answers to the nearest hundredth and make sure you label your answers.

1.



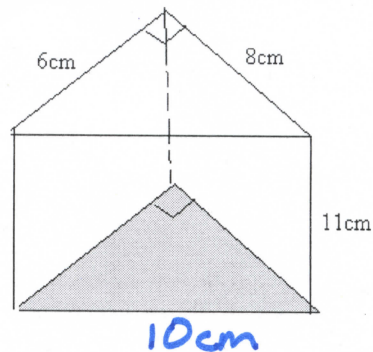
Perimeter of base 48 cm

Lateral area 1152 cm²

Area of base 108 cm²

Surface area 1368 cm²

2.



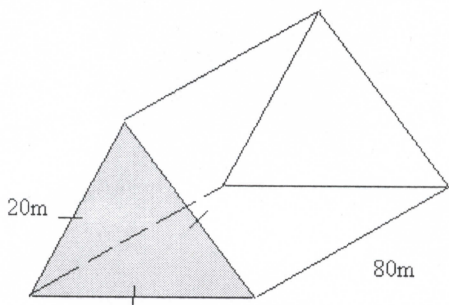
Perimeter of base 24 cm

Lateral area 264 cm²

Area of base 24 cm²

Surface area 312 cm²

3.



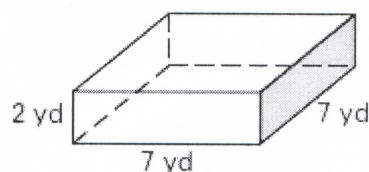
Perimeter of base 60 m

Lateral area 4800 m²

Area of base 173.2 m² $\frac{20^2\sqrt{3}}{4}$

Surface area 5146.4 m²

4.



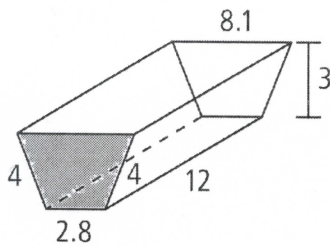
Perimeter of base 18 yd

Lateral area 126 yd²

Area of base 14 yd²

Surface area 154 yd²

5.



Base is a trapezoid

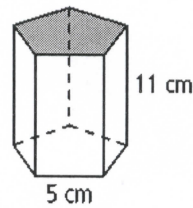
Perimeter of base 18.9 units

Lateral area 226.8 units²

Area of base 16.35 units²

Surface area 259.5 units²

6.



Base is a regular pentagon

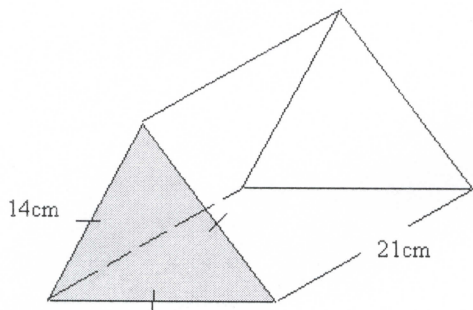
Perimeter of base 25 cm

Lateral area 275 cm²

Area of base = 43 cm²

Surface area 361 cm²

7.



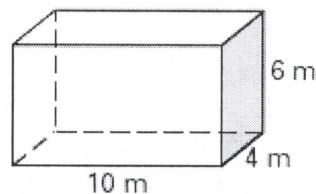
Perimeter of base 42 cm

Lateral area 882 cm²

Area of base 84.87 cm² $\frac{14^2 \sqrt{3}}{4}$

Surface area 1051.74 cm²

8.



Perimeter of base 20 m

Lateral area 200 m²

Area of base 24 m²

Surface area 248 m²